

PATENT

The Eclipse Group Docket No. HI09038USU (P02108US)
Application Serial No.: 10/563,069

I. THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) A method for transmitting an emergency call including emergency information from a vehicle using a mobile communication system, comprising:
 - triggering an emergency call at the vehicle,
 - establishing a data connection to an emergency call assistance center via the mobile communication system,
 - transmitting emergency information to the emergency call assistance center using the data connection,
 - establishing a first voice connection to the emergency call assistance center via the mobile communication system, and
 - transmitting a dual tone multi-frequency (DTMF) message including emergency information using the established first voice connection.
2. (Previously Presented) The method according to claim 1 further comprising detecting the end of the (DTMF) message transmitted via the first voice connection at the emergency call assistance center.
3. (Previously Presented) The method according to claim 1 further comprising determining whether the emergency information has been successfully transmitted to the emergency call assistance center, and transferring the first voice connection to an emergency assistant at the emergency call assistance center if the emergency information has been transmitted successfully, and establishing a second voice connection to a emergency call dispatch center via the mobile communication system if the emergency information has not been transmitted successfully.
4. (Previously Presented) The method according to one claim 1 where the data connection is a wireless application protocol (WAP) connection, and where in transmitting emergency information to the emergency call assistance center via the data connection the emergency information are transmitted in a request of an emergency call URL using the WAP connection.

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5. (Previously Presented) The method according to claim 1 further comprising starting an emergency call countdown during which an occupant of the vehicle may cancel the triggered emergency call.
6. (Previously Presented) The method according to claim 1 further comprising testing the availability of the mobile communication system.
7. (Previously Presented) The method according to claim 6 where in testing the availability of the mobile communication system, a mobile terminal in the vehicle for transmitting the emergency information and the communication network of the communication system are tested for availability.
8. (Previously Presented) The method according to claim 1 where the emergency information transmitted using the data connection comprises a geographical position of the vehicle and an identification number of the vehicle.
9. (Previously Presented) The method according to claim 8 where the emergency information further comprises a timestamp of a generation of the emergency message, a vehicle descriptor, a breakdown status and additional information and parameters defined by an occupant of the vehicle.
10. (Previously Presented) The method according to claim 9 where the emergency information further comprises a history of information related to a time period before an emergency, where the history of information indicates at least one or a combination of the following parameters: the steering of the vehicle, a level of deceleration of the vehicle and a driving direction of the vehicle.
11. (Previously Presented) The method according to claim 1 where the emergency information transmitted using the voice connection comprises a geographical position of the vehicle and an identification number of the terminal transmitting the emergency information.

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12. (Previously Presented) The method according to claim 1 further comprising synchronizing the emergency information received via the data connection and the first voice connection at the emergency call assistance center, and transmitting a confirmation for the emergency information received from the emergency call assistance center to the vehicle.
13. (Previously Presented) The method according to claim 1 further comprising the emergency call assistance center requesting emergency information from the vehicle via the mobile communication system.
14. (Previously Presented) The method according to claim 1 further comprising the emergency call assistance center informing at least one emergency call dispatch center on the emergency using the received emergency information.
15. (Currently Amended) An emergency call device for transmitting an emergency call including emergency information from a vehicle using a mobile communication system, comprising:
a triggering means for triggering an emergency call at the vehicle, a communication terminal having:
means for establishing a data connection to an emergency call assistance center via the mobile communication system,
means for establishing a first voice connection to the emergency call assistance center via the mobile communication system,
means for transmitting emergency information to the emergency call assistance center using the data connection, and
means for transmitting a dual tone multi-frequency (DTMF) message including emergency information using the established first voice connection.
16. (Previously Presented) The emergency call device according to claim 1 further comprising means for determining the end of the DTMF message transmitted using the first voice connection.

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17. (Previously Presented) The emergency call device according to claim 16 further comprising:

means for transferring the first voice connection to an emergency assistant at the emergency call assistance center if the emergency information has been transmitted successfully, and where the communication terminal is adapted to establish a second voice connection to a emergency call dispatch center via the mobile communication system if the emergency information has not been transmitted successfully.

18. (Previously Presented) The emergency call device according to claim 15 further comprising a position determination means for determining a geographical position of the vehicle.

19. (Previously Presented) The emergency call device according to claim 15 further comprising processing means for forming emergency information.

20. (Previously Presented) The emergency call device according to claims 15 further comprising a timer for controlling an emergency call countdown during which an occupant of the vehicle may cancel the triggered emergency call.

21. (Previously Presented) The emergency call device according to claim 15 where the processing means is adapted to form emergency information comprising a geographical position of the vehicle and an identification number of the vehicle.

22. (Previously Presented) The emergency call device according to claim 19 where the processing means are further adapted to synchronize the emergency information received via the data connection and the first voice connection.

23. (Previously Presented) The emergency call device according to claims 15 where the triggering means is an emergency button or a sensor adapted to trigger an emergency call.

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24. (Currently Amended) ~~An~~ The emergency call system for executing the method according to claim + 15 comprising at least one emergency call device according to claim 15 and an emergency call assistance center.